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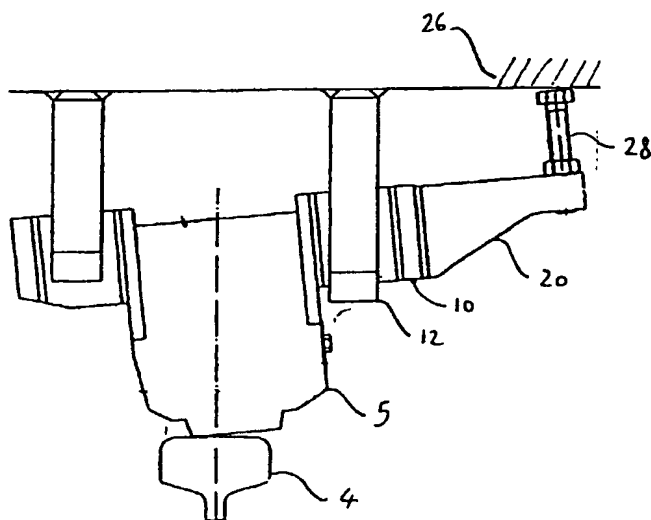
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(54) Title: **MAGNETIC RAIL BRAKE**



(57) **Abstract:** A magnetic rail brake for a rail vehicle is disclosed of the type comprising a magnet (5) supported from the rail vehicle a small distance above the rail (4). The magnet is supported by springs which are overridden on actuation of the magnet. A guide assembly guides the magnet for movement in a substantially vertical plane while allowing limited lateral movement. The magnet is provided with an extension arm (20) arranged to contact the rail vehicle at a distance from the magnet which is substantially greater than either the maximum extent of vertical movement or the maximum extent of lateral movement. By controlling the motion of the extension arm within these limits of lateral and vertical motion, unwanted and excessive tilting of the magnet can be avoided.

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